

Table 1: Codes to Identify Sickle Cell Disease

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
Hb beta zero-thalassemia	Hb F only	282.49
Hb S beta-thalassemia	Hb F,S,A	282.41, 282.42
Hb SC-disease	Hb F,S,C	282.63, 282.64
Hb SD-disease	Hb F,S,D	282.68, 282.69
Hb SS-disease (sickle cell anemia)	Hb F,S	282.6, 282.61, 282.62

Table 2: Parenteral broad-spectrum antibiotics

Drug Class	Prescriptions
Aminoglycosides	Amikacin Sulfate Kanamycin A Sulfate Gentamicin Tobramycin Sulfate
beta Lactamase Inhibitor	Piperacillin and Tazobactam
beta Lactamase Inhibitor, Penicillins	Ticarcillin Disodium and Clavulanate Potassium
Cephalosporins	Cefazolin Cefotaxime Cefoxitin Ceftriaxone Cefepime Cefotetan And Dextrose Ceftazidime Cefuroxime
Decreased Sebaceous Gland Activity, Macrolide	Erythromycin Lactobionate
Glycopeptides	Vancomycin Hydrochloride
Macrolides	Azithromycin
Monobactams	Aztreonam
Oxazolidinones	Linezolid
Penicillins	Ampicillin Oxacillin Penicillin G Benzathine Penicillin G Sodium Nafcillin Penicillin G Penicillin G Procaine
Penicillins, Beta-Lactamase Inhibitor	Ampicillin And Sulbactam
Quinolones	Ciprofloxacin Moxifloxacin Hydrochloride Levofloxacin
Sulfonamides, Dihydrofolate Reductase Inhibitors	Sulfamethoxazole And Trimethoprim
Tetracyclines	Doxycycline Tigecycline Minocycline Hydrochloride

Table 3: Excluded Sickle Cell Disease Diagnosis Codes

Condition Name	Hemoglobin Screening Result	ICD-9 Code(s)
Hb C beta-thalassemia	Hb F,C,A	282.49
Hb D beta-thalassemia	Hb F,D,A	282.49
Hb E beta-thalassemia	Hb F,E,A	282.49
Hb C-disease	Hb F,C	282.7
Hb E-disease	Hb F,E	282.7
Hb H-disease	Hb F,H	282.49
Hb SE-disease	Hb F,S,E	282.68, 282.69
Hb C-carrier	Hb F,A,C	282.7
Hb D-carrier	Hb F,A,D	282.7
Hb E-carrier	Hb F,A,E	282.7
Hb S (sickle)-carrier	Hb F,A,S	282.5